Which of the following equations is true?

A.
$$7 \cdot (2 + 3) = 3 + (7 \cdot 2)$$

B. $7 \cdot (2 + 3) = 7 + (2 \cdot 3)$

C. $7 \cdot (2 + 3) = 3 \cdot (2 + 7)$

D. $7 \cdot (2 + 3) = 7 \cdot (3 + 2)$